

TELECOMMUNICATIONS SURVEILLANCE

Abstract of the Disclosure

A method enables the electronic surveillance of telecommunications transmissions in compliance with the Communications Assistance for Law Enforcement Act (CALEA) standards. The method involves receiving a data packet intended for transmission to a recipient and storing the data packet in an available buffer. The data packet is then transmitted to the intended recipient and, if it is flagged for surveillance, the data packet is also transmitted to law enforcement officials. This is carried out by retransmitting the original data packet with a new header segment, without creating a copy of the data packet. Once the data packet has been transmitted to the intended recipient and to law enforcement officials (if necessary), the buffer storing the data packet is released such that other data packets can be stored therein.